QP
474
A51
V.1

INDEX

A

Abnormalities of the Visual Field. (Abst.) **Ingram** and **Lister**.....110
Abstracts
Abnormalities of the Visual Field. **Ingham** and **Lister**.....110
Astigmatic Chart, A New. **Friedenwald** 211
Corneal Glass for Conical Cornea. **Wilson** 70
Diagnosis of Eye Strain Caused by Dental Irritations. **Swain**.....212
Fileable Record of Hearing. **Sharret** 70
Focal Infections. **Howard**..... 68
Heterphoria and Astigmatism Charts. **Fox** 52
Illumination for Visual Conservation. **Meyer** 211
Measuring the Deviation of a Strabismic Eye on the Stereo-Campimeter. **Lloyd** 211
Meter Measure for Retinoscopy. **Goldnamer** 51
Motion Picture Making Brings New Dangers to Vision. **Marschutz**... 68
Neurotic Disturbances of Eye Function.. **Lunt** and **Riggs**.....111
New Method of Making School Surveys, A. **Cox**..... 51
Ocular Infections. **Hutshing**..... 51
Ophthalmo-Optical Etymology. **Swain** 212
Physiological Component of Ciliary Cramp. **White** 110
Prolonged Monocular Occlusion as a Test for Muscle Balance. **Marlow**. 68
Quality as Well as Quantity in the Functions of Accommodation and Binocular Vision. **Sheard**.....112
Study of Ocular Movements in the Horizontal Plane. **Toren, George** and **Lowell** 111
Time Savers. **Drakeford**.....211
Accommodation, Quality as Well as Quantity, in the Functions of. **Sheard** 112
Accommodation, Sub-Normal. **DeMars**.108
Amblyopia ex Anopsia. **Koch**..... 9
American Optometric Association, 27th Congress 143
Anatomical Exophoria. **Lyon**..... 49
Anatomy and Histology of the Human Eyeball in the Normal State. (Book Notice.) Salzmann 71
Anisometrope, Unusual Improvement in. **Koch** 109
Anisometropia-Astigmatic. **DeMars**...159
Anisometropia. (Society Proceedings) 45
Annual Convention, Minnesota Society. 1924 33
An Opportunity. (Editorial)..... 31
A Plea for Co-operation. **Dean, R. S**..267
Arboreal Life and the Evolution of the Human Eye. (Book Notice.) Collins 135
Asthenopia. (Society Proceedings) .. 48
Astigmatic-Anisometropia. **DeMars** ..159
Astigmatic Chart, A New. (Abst.) **Friedenwald** 211
Astigmatic Exophoric Case. (Society Proceedings) 46
Augustine. R. C.....272

B

Bandle.. Retinoscopy 49
Barr. A Co-operative Field.....237
Boldt. Trachoma. (Book Notice)...113
Book Notices
Anatomy and Histology of the Human Eyeball in the Normal State. Salzmann 71
Arboreal Life and the Evolution of the Human Eye. Collins.....135
Cross Eyes. Higley..... 15
Eyes and Spectacles. Von Rohr....242
Helmholtz' Treatise on Physiologic Optics. Southall 213
Medical Ophthalmology. Knapp... 52
Mirrors, Prisms and Lenses. Southall 91
Ocular Orientation. Hazen.....242
Ocular Symptomatology. Wiseman.265
Ophthalmo-Optical Manual. Swain.214
Ophthalmoscopic Diagnosis. Jean..214
Physiologic Optics. Tscherning....113
Principles and Practices of Perimetry. Peters 36
Trachoma. Bolt 113
Treatment of Short-Sight. Herschberg 71
Bound Volumes of the Northwest Journal of Optometry 269
Broader View, A. (Editorial).....136
Brothers with Similar Refraction. **Koch** 266
Bulletin of the Department of Education, Minnesota Society 94-271

C

Campimetry. **Myers** 157
Card for Repression Lens Cases. **Koch**.210
Certification of Visual Acuity.....189
Chart, A New Astigmatic. (Abst.) **Friedenwald** 211
Clinical Demonstrations End.....119
Colberg. Esotropia 66
Hyperopia as the Indirect Cause of Squint 29
A Positive Scotoma.....177
Colberg Re-elected President of the South Dakota Society.....247
Collins. Arboreal Life and the Evolution of the Human Eye. (Book Notice) 135
Comfortable Vision by Means of the Dynamic Refractor. **Kiekenapp**.... 82
Comment on the Book, "Perfect Sight Without Glasses," by W. H. Bates. (Special Report.) **Loeb** 239
Consultations. (Editorial) 93
Convention Committees, 1924, Minnesota Society 33

Convention of the North Dakota Association 162
Convergence Weakness. **Steinfeld**.... 42
Co-operative Education. (Editorial).. 53
Co-operative Field, A. **Barr**.....237
Corneal Astigmatism. **Koch**..... 50
Corneal Glass for Conical Cornea. (Abst.) **Wilson** 70
Correspondence 56-91-137
Cox. A New Method of Making School Surveys. (Abst.) 51
Crime of "Glazed Specs," The. (Editorial) 185
Critique on the Prescribing of Tinted Lenses, A. **Dean, E. J**..... 22
Cross Eyes. Higley. (Book Notice). 15
Current Literature .....
....13-35-55-76-96-124-165-225-248-272
Current Literature Department, The...224
Cut-Price Competition. (Editorial)...215
Cyclopiegics in Refraction, The Scientific Value of. **Kurtz**.....200

D

Dean, E. J. A Critique on the Prescribing of Tinted Lenses..... 22
Dean, R. S. A Plea for Education and Co-operation 267
Greater Efficiency Through Better Vision in Industry.....150
Ten Worth While Points Developed in Industrial Eye Work..... 90
De Mars. Astigmatic-Anisometropia..159
Optometric Diagnostic Points..... 2
Sub-Normal Accommodation 108
Dental Irritations, A Diagnosis of Eyestrain Caused by. (Abst.) **Swain**..212
Department of Education. Minnesota Society 117-271
Diagnosis of Eyestrain Caused by Dental Irritations. (Abst.) **Swain**.212
Directory of Board Members and Officers 270
Display System for Optometrists.....247
Drakeford. Time Savers. (Abst.)....211

E

Editorials
An Opportunity 31
Broader View, A.....136
Consultations 93
Co-operative Education 53
Crime of "Glazed Specs," The.....185
Cut Price Competition 215
Ethics 12
Future of Optometry..... 31
Kansas City in June..... 93
Kiekenapp Plan, The..... 72
Northwest Journal of Optometry.... 10
Object of a State Society, The.....216
Optometric Ideals 11
Optometry and the Optometrist..... 92
Our Societies 161
Patronize Magazine Advertisers....268
Pleasant Duty, A..... 72
Professionalism versus Commercialism 160
Prohibitory Legislation Needed.....137
Quality as a Standard of Value..... 54
State Associations 268
Suggestion from the Northwest to the A. O. A., A.....114
Taking Stock of Ourselves.....215
Test Chart, A New.....161
Testing the Sight of School Children.243
Work for the Present, The..... 73
Wrong Competitor, The.....184
Educational Clinics 95
Eliason. The Optics of Retinoscopy... 62
Esotropia. **Colberg** 66
Esotropia. (Society Proceedings).... 88
Ethics. (Editorial) 12
Ethics, An Optometric Code of. (Special Report) 121
Etymology, Ophthalmo-Optical. (Abst.) **Swain** 212
Eveleth Public School Visual Survey. **Johnson** 174
External Rectus Muscle, Temporary Paralysis of. **Lyon** 108
Exophoria and Hypophoria, Successful Results in Treatment of Case of. **Kurtz** 266
Eyes and Spectacles. (Book Notice.) Von Rohr 242

F

Fielding. Punktal Lenses 67
Fileable Record of Hearing. (Abst.) **Sharrett** 70
Fjelstad. The Optic System of the Eye 102
Focal Infections. (Abst.) **Howard**.. 68
Focal Infections. **Nordstrom**.....175
Fox. Heterophoria and Astigmatism Charts. (Abst.) 52
Friedenwald. A New Astigmatic Chart. (Abst.) 211
Future of Optometry. (Editorial).... 31

G

Geneva Ophthalmoscope, The. **Kurtz**.. 15
George, Toren, and Lowell. Study of Ocular Movements in the Horizontal Plane. (Abst.) 111
Goldnamer. Meter Measure for Retinoscopy. (Abst.) 51
Grand Forks District Optometric Society 120
Greater Efficiency Through Better Vision in Industry. **Dean, R. S**.....150

H

Haustein. Oculo Prism Treatments... 84
Hazen. Ocular Orientation. (Book Notice) 242
Head of the Lakes Optometric Society. 33
Head of the Lakes Optometric Society. (Society Proceedings) 88
Helmholtz' Treatise on Physiological Optics. Southall. (Book Notice)..213
Heterophoria and Astigmatism Charts. (Abst.) **Fox** 52
Higley. Cross Eyes. (Book Notice).. 15
Hirschberg. Treatment of Short-Sight. (Book Notice)..... 71
Hoffman. A New Record Card, Reading Card and Muscle Test.....262
Minneapolis Conservation of Vision Campaign 4
How to Organize a Local Society. **Kiekenapp.** (Special Report).....139
Howard. Focal Infections. (Abst.).. 68
Hutsching. Ocular Infections. (Abst.) 51
Hyperopia as the Indirect Cause of Squint. **Colberg** 29

I

Illumination for Visual Conservation. (Abst.) **Meyer** 211
Industrial Eye Work, Ten Worth While Points Developed. **Dean, R. S.** 90
Ingham and Lister. Abnormalities of the Visual Field. (Abst.).....110
Instrumental Arrangement. **Kubicek.** 66
Itinerant Arrested 75

J

Jean. Ophthalmoscopic Diagnosis. (Book Notice) 214
Johnson. Eveleth Public School Visual Survey 174

K

Kansas City in June. (Editorial).... 93
Kiekenapp. Comfortable Vision by Means of the Dynamic Refractor.. 82
How to Organize a Local Society. (Special Report) 139
Kiekenapp Clinic Plan Endorsed.....120
Kiekenapp Plan, The. (Editorial)... 72
Knapp. Medical Ophthalmology. (Book Notice) 52
Koch. A Card for Repression Lens Cases 210
Amblyopia ex Anopsia..... 9
Brothers with Similar Refraction...266
Corneal Astigmia 50
Methyl Alcohol 90
The Technic of Oculo-Prism Treatment 130
Unusual Improvement Shown in the Acuity of an Anisometrope 109
Unusual Posture Developes Abnormal Power of the Inferior Rectus Muscle 29
Kubicek. Instrumental Arrangement. 66
Kurtz. An Optometric Educational Program for the Layman.....118
Successful Results in Treating a Case of Exophoria and Hypophoria....266
The Geneva Ophthalmoscope..... 15
The Scientific Value of Cycloplegics in Refraction 200

L

Legal Status of Optometry, The.....269
Legislative Plans, Minnesota Society.. 94
Lens Opacity Case. (Society Proceedings) 89
Lloyd. Measuring the Dievlation of a Strabismic Eye on the Stereo-Campimeter. (Abst.) 211
Local Societies Fight Eye-Glass Tax...123
Local Society, How to Organize. **Kiekenapp.** (Special Report).....139
Loeb. Comment on the Book, "Perfect Sight Without Glasses," by W. H. Bates, M. D. (Special Report).....239
Lunt and Riggs. Neurotic Disturbances of Eye Function. (Abst.).....111
Lyon. Anatomical Exophoria..... 49
Six Foot Working Distance in Retinoscopy 159
Temporary Paralysis of the External Rectus Muscle 108

M

McFadden. Optometric Order of Study.158
Percentage Notation of Visual Acuity 234
Marlow. Prolonged Monocular Occlusion as a Test for Muscle Balance. (Abst.) 68
Marschutz. Motion Picture Making Brings New Dangers to Vision. (Abst.) 68
Measuring the Dievlation of a Strabismic Eye on the Stereo-Campimeter. (Abst.) **Lloyd**.....211
Medical Ophthalmology. Knapp. (Book Notice) 52
Memorium, In. Augustine, R. C.....272
Palmer, John J.....163
Meter Measure for Retinoscopy. (Abst.) **Goldnamer** 51
Methyl Alcohol. **Koch**..... 90
Meyer. Illumination for Visual Conservation. (Abst.) 211
Minneapolis Society. Conservation of Vision Campaign. **Hoffman.** (Special Report) 4
Dr. Molly Armstrong, Addresses....222
Elects Officers 271
Honors Sheard 123
Presidential Bulletin 186
Society Proceedings 45-88-246
Minnesota Society. Delegates to 1924 Convention 117
Annual Convention, The. 1924.... 56
Goes After Spectacle Peddlers.....187
Indorses A. O. A.....247
Man Heads the Department of Public Information of the A. O. A. (Special Report) 217
Men at A. O. A. Convention. 1924 123-145
Mid-Summer Convention. 1924....245
Secretary's Bulletin 142-164
To Hold Semi-Annual Convention...220
Mirrors, Prisms and Lenses. (Book Notice.) Southall 91
Motion Picture Making Brings New Dangers to Vision. (Abst.) **Marshutz** 68
Muscle Test, A New Near Point. **Hoffman** 262
Myers. A Completely Equipped Refracting Room 261
Campimetry 157

N

Nebraska Society. Clinic Plan a Success in East 246
Executive Committee Meets.....188
Men on Staff of N. W. Journal of Optom. 164
Men Urged to Form Local Study Clubs 246
Method of School Penetration.....162
News Report 222
The 1924 Convention 163
Zoned 187
Neurotic Disturbances of Eye Function. (Abst.) **Lunt and Riggs**....111
New Method of Making School Surveys, A. (Abst.) **Cox**..... 51
Nordin. The Office System for the Optometrist 258

Nordstrom. Focal Infections.....175
North Dakota Society. Activities.....247
Annual Convention Notice.....120
Annual Convention Report.....188
Convention 162
New Associate Editor, From.....223
Report 74
Northwest Journal of Optometry, The. (Editorial) 10
Northwest Journal of Optometry, Administrative Board 117

O

Object of a State Society, The. (Editorial) 216
Objectionable Trade Association Practives are Defined. (Special Report) 34
Ocular Infections. (Abst.) **Hutsching** 51
Ocular Orientation. Hazen. (Book Notice) 242
Ocular Symptomatology. Wiseman. (Book Notice) 265
Oculo-Prism Treatment. **Haustein**.... 84
Oculo-Prism Treatment. The Technic of. **Koch** 130
Office System for the Optometrist, The. **Nordin** 258
Officers Elected by the Minneapolis Society 14-270
Ophthalmo-Optical Etymology. (Abst.) **Swain** 212
Ophthalmo-Optical Manual. Swain. (Book Notice) 214
Ophthalmoscopic Diagnosis. Jean. (Book Notice) 214
Ophthalmoscopic Technic. (Society Proceedings) 88
Optics of Retinoscopy, The. **Eliason**.. 62
Optic System of the Eye. **Fjelstad**...102
Optometric Clinic as an Opportunity, The. **Skeffington.** (Special Report) 180
Clinics Chief Feature at Coming Convention 123
Code of Ethics 121
Diagnostic Points. **De Mars**..... 2
Educational Program for the Layman. **Kurtz** 118
Ideals 11
Order of Study.....158
Optometrist Elected Mayor..... 75
Optometrists Licensed by the Minnesota Board 14-120-271
Optometrists' Skill Enables Girl to See.123
Optometry and the Optometrist. (Editorial) 92
Our Societies. (Editorial).....161

P

Patronize Magazine Advertisers. (Editorial) 268
Percentage Basis, Visual Acuity on a. **Perrigo** 178
Percentage Notation of Visual Acuity. **McFadden** 234
"Perfect Sight Without Glasses," Comment on the Book. **Loeb**.....239
Perrigo. Visual Acuity on a Percentage Basis 178
Peters. Principles and Practice of Perimetry. (Book Notice) 36
Physiological Component of Ciliary Cramp. (Abst.) **White**.....110
Physiologic Optics. Tscherning. (Book Notice) 113
Pleasant Duty, A. (Editorial)..... 72
Pottle. Diagnosis of Eye Strain Caused by Dental Irritations. (Abst.)...212
Professionalism versus Commercialism. (Editorial) 160
Prohibitory Legislation Needed. (Editorial) 137
Prolonged Monocular Occlusion as a Test for Muscle Balance. (Abst.) **Marlow** 68
President Perrigo Sends Condolences..269
Principles and Practice of Perimetry. Peters. (Book Notice)..... 36
Publicity Campaign Material for Minnesota Optometrists 75
Punktal Lenses. **Fielding**..... 67

Q

Quality as a Standard of Value. (Editorial) 54
Quality as Well as Quantity in the Functions of Accommodation and Binocular Vision. (Abst.) **Sheard**.112
Quarterly Meeting of the Executive Council of the Minnesota Society 14-75-223

R

Record Card, A new. **Hoffman**.....262
Refracting Room, A Completely Equipped. **Myers** 261
Refraction, A thorough. **Woodburn**... 86
Refractive Technic Demonstrated.....123
Retinal Fatigue. (Society Proceedings) 47
Retinoscopy. **Bandle**..... 49
Retinoscopy, A Six Foot Working Distance. **Lyon**.....159

S

St. Paul Society Elects 1924 Officers.. 75
Hosts at Stag Party.....271
Salzmann. Anatomy and Histology of the Human Eyeball in the Normal State. (Book Notice)..... 71
School Children, Testing the Sight of. (Editorial) 243
School Penetration, The Nebraska Method 162
School Visual Survey, The Eveleth Public. **Johnson**.....174
Scientific Value of Cycloplegics in Refraction, The. **Kurtz**.....200
Scotoma, A Positive. **Colberg**.....177
Secretaries' Bulletin, Minnesota Society 142-164
Sharrett. Fileable Record of Hearing. (Abst.) 70
Sheard. Quality as Well as Quantity in the Functions of Accommodation and Binocular Vision. (Abst.)...112
Short Course for Qualified Graduates in Optometry 95
Six Foot Working Distance in Retinoscopy. **Lyon**.....159
Skeffington. The Optometric Clinic as an Opportunity. (Special Report).180

Society Proceedings 45-88
Southall. Helmholtz's Treatise on Physiological Optics. (Book Notice) . . 213
Southall. Mirrors, Prisms and Lenses. (Book Notice) 91
South Dakota Society After Subscription Solicitor 142
Re-elects Colberg President 247
The Subscription Solicitor 95
Southern Minnesota Society Is Organized 187
Meets at Minneapolis 248
Meets at Owatonna 271
Special Car to Kansas City 123
Special Reports
Comment on the Book, "Perfect Sight Without Glasses," by W. H. Bates, M.D. **Loeb** 239
How to Organize a Local Society. **Kiekenapp** 139
Minneapolis Conservation of Vision Campaign. **Hoffman** 4
Minnesota Man Heads the Department of Public Information of the A. O. A. 217
Objectionable Trade Association Practices Are Defined 34
Optometric Clinics as an Opportunity, The. **Skeffington** 180
Optometric Code of Ethics 121
State Associations. (Editorial) 268
Steinfeld. Convergence Weakness 42
Study of Ocular Movements in the Horizontal Plane. (Abst.) **George, Toren and Lowell** 111
Study, Optometric Order of. **McFadden** 158
Sub-Normal Accommodation. **DeMars** . 108
Subscription Solicitor, South Dakota Society 95
Successful Results in Treating a Case of Exophoria and Hypophoria. **Kurtz** 266
Suggestion from the Northwest to the A. O. A., A. (Editorial) 114
Swain. Ophthalmo-Optical Etymology. (Abst.) 212
Swain. Ophthalmo-Optical Manual. (Book Notice) 214

T

Taking Stock of Ourselves. (Editorial) 215
Technic of Oculo-Prism Treatments, The. **Koch** 130
Temporary Paralysis of the External Rectus Muscle. **Lyon** 108
Ten Worthwhile Points Developed in Industrial Eye Work. **Dean, R. S.** 90
Test Chart, A New. (Editorial) 161
Testing the Sight of School Children. (Editorial) 243
Time Savers. (Abst.) **Drakeford** 211
Tinted Lenses, A Critique on the Prescribing of. **Dean E. J.** 22
To Plan Minnesota Convention Program 14
To Study Retinal Pigmentation 74
Trachoma. Bolt. (Book Notice) 113
Treatment of Short Sight. Hirschberg. (Book Notice) 71
Tscherning. Physiological Optics. (Book Notice) 113

U

Unusual Improvement Shown in the Acuity of an Anisometrope. **Koch** . 109
Unusual Posture Developes Abnormal Power of the Inferior Rectus Muscle. **Koch** 29

V

Vision in Industry, Greater Efficiency Through. **Dean R. S.** 150
Visual Acuity on a Percentage Basis. **Perrigo** 178
Visual Acuity, The Percentage Notation. **McFadden** 234
Von Rohr. Eyes and Spectacles. (Book Notice) 242

W

White. Physiological Component of Ciliary Cramp. (Abst.) 110
Wilson. Corneal Glass for Conical Cornea. (Abst.) 70
Wiseman. Ocular Symptomatology. (Book Notice) 265
Woodburn. A Thorough Refraction . . 86
Work of the Present, The. (Editorial) 73
Wrong Competitor, The. (Editorial) . . 184